

REMARKS

Claims 1-28 remain in the application for consideration of the Examiner with Claim 29 standing cancelled.

Reconsideration and withdrawal of the outstanding objections and rejections are respectfully requested in light of the above amendments and following remarks.

Turning now to the art rejections, Claim 29 was rejected under 35 U.S.C. § 102(e) as being anticipated by Page; and Claims 1, 3, 13, 14, 18, 19, 23, 25, and 26 were rejected under 35 U.S.C. § 103 as being unpatentable over Page.

These rejections are respectfully traversed.

Claim 29 has been cancelled.

It is respectfully submitted that McGrath does not disclose or suggest the presently claimed invention including the second digital filter having a second settling rate that is slower than the first settling rate and a second level of noise resolution that is higher than the first level of noise resolution in the various forms in independent Claims 1, 13, and 25.

Applicants agree with the Examiner as evidence by page 3 of the Office Action that Page does not disclose the claimed settling rate and noise resolution features.

The Examiner alleges that these aspects are obvious, but Applicants disagree. However, if the Examiner persists in this rejection, a teaching from the prior art is respectfully requested.

Applicants appreciate the indication that if Claims 2, 15, and 24 were rewritten in independent form including the limitations of the base claim and any intervening claims, that these claims would be allowable.

The Examiner alleges that Page "should" have a higher noise resolution.

This is not seen. A teaching from the prior art is requested.

Due to the high cost of independent claims and the patentability of broader claims, these claims have not been placed in independent form.

Applicants appreciate the indication that Claims 4-12, 16, 17, 20-22, 24, 27, and 28 are allowed.

In light of the above, it is respectfully submitted that the present application is in condition for allowance, and notice to that effect is respectfully requested.

While it is believed that the instant response places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

To the extent necessary, Applicant petitions for an Extension of Time under 37 CFR 1.136. Please charge any fees in connection with the filing of this paper, including extension of time fees, to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,



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